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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/647,113	08/25/2003	Hiroshi Wakimoto	4105-21	9847
23117	7590 12/04/2006		EXAM	INER
NIXON & VANDERHYE, PC 901 NORTH GLEBE ROAD, 11TH FLOOR		FI OOR	PHU, PHUONG M	
	I, VA 22203	1 BOOK	ART UNIT	PAPER NUMBER

DATE MAILED: 12/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

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Application/Control Number: 10/647,113

Art Unit: 2611

DETAILED ACTION

Claim Objections

1. Claims 1-6 are objected to because of the following informalities:

-Claim 1 recites the limitation "a first AGC unit which controls a gain of the first broadcasting wave signal based on a level of the first broadcasting wave signal". It is unclear in the claim how the "gain" of the "first broadcasting wave signal" is obtained in the claimed receiver.

As illustrated in figure 3, it is suggested the limitation to be changed to -- a first AGC unit which *obtains and* controls a gain of the first broadcasting wave signal based on a level of the first broadcasting wave signal--.

-Similarly, in claim 1, the limitation "second AGC unit which controls a gain of the second broadcasting wave signal based on a level of the second broadcasting wave signal" is suggested to be changed to -- second AGC unit which <u>obtains and</u> controls a gain of the second broadcasting wave signal based on a level of the second broadcasting wave signal--.

-Similarly, in claim 6, the limitation "a first AGC process of controlling a gain of the first broadcasting wave signal based on a level of the first broadcasting wave signal" is suggested to be changed to --a first AGC process of *obtaining and* controlling a gain of the first broadcasting wave signal based on a level of the first broadcasting wave signal--.

-Similarly, in claim 6, the limitation "a second AGC process of controlling a gain of the second broadcasting wave signal based on a level of the second broadcasting wave signal" to be changed to -- a second AGC process of <u>obtaining and</u> controlling a gain of the second broadcasting wave signal based on a level of the second broadcasting wave signal--.

Appropriate correction is required.

Claims, depended on above claims, are therefore also objected.

Allowable Subject Matter

2. Claims 1-6 would be allowable if rewritten or amended to overcome the objection(s), set forth in this Office action.

Conclusion

This application is in condition for allowance except for the above formal matters.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

3. References 3728633, 6757029, 7016435, 7117514, 6522870 and 6219108 are cited because they are pertinent to the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuong Phu whose telephone number is 571-272-3009. The examiner can normally be reached on M-F (8:00 AM - 4:30 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on 571-272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Phuong Phu Primary Examiner Art Unit 2611

Phung phu

PHUONG PHU PRIMARY EXAMINER

10/25/06